

Lingulodinium polyedrum (F.Stein) J.D.Dodge

Bot. Mar. 32: 291, figs 1H, 34–38 (1989)

Gonyaulax polyedra F.Stein, *Der Organismus der Infusionstiere* 3(2): 13, pl. 4, figs 7–9 (1883)

Type locality: Baltic Sea

Australian distribution: Warm-temperate lagoons and estuaries in eastern Australia (N.S.W., Port Hacking, off Sydney); rare in offshore samples from Vic.; not known from Tas. [Hallegraeff *et al.*, 2010]

Extra-Australian distribution: Brazil, Gulf of Mexico, Caribbean Sea, U.S.A. (California), Mauritania, Canary Islands, British Isles, North Sea, Baltic Sea, Mediterranean Sea, Adriatic Sea, Black Sea, southern Chile

Note: A bloom-forming, bioluminescent species

References: E.J.F.Wood, Dinoflagellates in the Australian region, *Austral. J. Mar. Freshw. Res.* 5: 171–351 (1954)

G.M.Hallegraeff & D.D.Reid, Phytoplankton species successions and their hydrological environment at a coastal station off Sydney, *Austral. J. Mar. Freshw. Res.* 37: 361–377 (1986)

G.M.Hallegraeff, C.J.S.Bolch, J.M.Huisman & M.F. de Salas, Planktonic dinoflagellates, *Algae of Australia: Phytoplankton of Temperate Coastal Waters* 145–212 (2010)

A.McMinn, C.J.S.Bolch, M.F. de Salas & G.M.Hallegraeff, Recent dinoflagellate cysts, *Algae of Australia: Phytoplankton of Temperate Coastal Waters* 260–292 (2010)

P.Adjani, T.Ingleton, T.Pritchard & L.Armand, Microalgal blooms in the coastal waters of New South Wales, Australia, *Proc. Linn. Soc. New South Wales* 133: 15–31 (2011)